

Michael C. Mitchell, PE

Education	1985 – 1989	California Polytechnic State University	San Luis Obispo
		B.S. – Agricultural Engineering	
Professional	2003-Present	EAC Engineering, Inc	Homedale, ID & Turlock, CA
		Principal Engineer – Owner	
Experience			<ul style="list-style-type: none">▪ Steel, Wood and Masonry Building Designs. Utilizing RISA 2-D, MBS and RetainPro Structural Analysis Software. Drawing packages prepared utilizing current version of AutoCAD software▪ Wastewater Storage and Separation System Designs for Livestock Facilities▪ NRCS TSP Certification in Most Livestock Related Construction Practices▪ Provide GPS Surveying and Topographic/Grading Plan Preparation Utilizing AutoCAD Civil 3-D Suite▪ Regulatory Certification of Livestock Wastewater Facilities and Waste Management Systems▪ Preparing San Joaquin Valley Air Pollution Control District PTO's and ATC's for New, Modified, and Existing Dairy Facilities▪ Dairy Facility Planning and Design▪ Preparing Waste & Nutrient Management Plans, Dairy Waste System Designs and Facility Designs for Dairy EIR's in Kern, Tulare, Merced, Madera and Stanislaus Counties▪ Developing Waste, Nutrient, Odor, and Dust Management Plans for Livestock Facilities in CA, WA, TX, ID, and OR
	2000-2003	Macedo Mitchell Engineering	Tulare, CA
		Principal Engineer - Partner	
			<ul style="list-style-type: none">▪ Evaluating Dairy Housing and Waste Management Systems for Efficiency and Regulatory Compliance▪ Preparing Open-Lot and Freestall Dairy Designs – Including Building Design and Drawing packages for the structures location on the dairies▪ Lead Professional in the Preparation of Dairy Project EIR's in Tulare County▪ Presentation of Draft and Final EIR to Tulare County Planning Commission and Board of Supervisors
	1996 - 2000	Idaho Department of Agriculture	Boise, ID
		Engineer Manager	
			<ul style="list-style-type: none">▪ Responsible for Idaho Dairy Waste Program (1000 Facilities)<ul style="list-style-type: none">▪ Develop rules, design standards, and construction processes▪ Waste facility surveying and design▪ Supervision of all waste inspection staff and review of inspections▪ Responsible for Dairy Nutrient Management Program<ul style="list-style-type: none">▪ Develop program rules, standards, and training program▪ Develop software and Train certified Nutrient Management Planners▪ Serve as State Expert related to Livestock Facility Design/Operation in Public Hearings and before Idaho Legislature

1994 – 1996 Idaho Department of Fish & Game Boise, ID

Staff Engineer

- Program Manager for Fish Screen Program (\$4 million project)
 - Facility Evaluation and Prioritization
 - Complete Stream Channel Alteration Permit Process and Implement Construction in accordance with Permit Conditions
 - Site Design (Primarily in-stream concrete structures)
 - Contract Administration/Project Management
 - Steel Building and Foundation Design and Drawing packages for State Owned facilities operated by Fish & Game
- Fish Hatchery and In-Stream Fish Passage(Ladder) Design and Construction Oversight

1992 – 1994 Loveless Engineering

Boise, ID

Designer

- Specific responsibilities included:
 - Project Management
 - Design
 - Represent Client at County Planning & Environmental Review Mtgs.
- Projects included:
 - Subdivision – Surveying, water/sewer design, roadway design
 - Septic System Design – Irrigation System Design
 - Commercial property Site Design

1989 - 1992

Varco-Pruden Buildings

Turlock, CA

Engineer In Training/Staff Engineer

- Pre-engineered metal building system design and detailing. Provided Design for buildings from 400 sq ft to 700,000 sq ft.
- Completed forensic investigations and reports for numerous PEMB projects, including the Loma Prieta earthquake failures
- Completed training program in Fabrication Shop and led Design Team efforts to improve efficiency of Detailing to Fabrication process
- Sales engineering, including component design and pricing
- Estimating for building packages

Professional
memberships

American Society of Agricultural & Biological Engineers

California Association of Environmental Professionals

American Institute of Steel Construction Member

American Society of Civil Engineers

International Code Council Member

Certified Crop Advisor #335184

SWPPP – QSD/QSP – Certificate No. 24730 Registered Professional

Engineer in the following States:

ARIZONA

MINNESOTA

CALIFORNIA

MONTANA

COLORADO

NEW MEXICO

IDAHO

SOUTH DAKOTA

IOWA

TEXAS

KANSAS

UTAH

KENTUCKY

WASHINGTON

MICHIGAN

WISCONSIN

